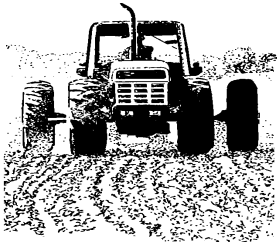




TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



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Week Ending July 13, 2003

Crops Remain in Good Condition

Recent warm weather and scattered showers have been excellent for the State’s crop development. Many farmers report they are in need of more rain, especially to improve double crop soybeans and late planted corn and cotton. The cotton crop continued to progress well, but at a pace a week behind normal. Ninety percent of the corn fields were in the silking or beyond stage, while a fifth of the crop entered the dough stage last week. There were reports of corn beginning to twist, particularly in areas not receiving rain and in late planted fields. Most soybeans have emerged, and a small percentage have begun to bloom. Double crop beans will benefit from continued rains. Tobacco farmers were busy topping their crops and scouting fields for insects and disease. Some producers are treating for black shank and blue mold. Other field activities included spraying herbicides, insecticides and cutting hay. There were 5 days suitable for field work. As of Friday, topsoil moisture levels were rated 1 percent very short, 14 percent short, 77 percent adequate, and 8 percent surplus, while subsoil moisture levels were rated 1 percent very short, 8 percent short, 83 percent adequate, and 8 percent surplus.

CROP PROGRESS: Through July 13, 2003					CONDITION: On July 11, 2003					
Crop	This Week	Last Week	2002	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Silking	90	80	91	83	Corn	3	7	18	53	19
Corn - Dough	20	N/A	21	17	Cotton	1	9	26	56	8
Cotton - Squaring	82	61	92	96	Soybeans	0	3	21	58	18
Cotton - Setting Bolls	16	6	33	38	Tobacco	1	7	28	52	12
Soybeans - Emerged	95	84	97	97	Pastures	0	2	16	65	17
Soybeans - Blooming	13	5	25	24						
Alfalfa Hay - Second Cutting	77	67	75	75						

CORN: Nearly all of the State’s corn has reached or exceeded pollination, and almost a quarter of the crop is in the roasting ear or dough stage. Seventy-two percent of the crop is reported in good-to-excellent condition.

COTTON: The cotton crop continued behind schedule but made good progress due to last week’s abundant sunshine and warm weather. Crop progress still lags behind last year and the 5-year average by about a week. Last week, producers sprayed for weeds and insects.

SOYBEANS: Almost all of the State’s soybeans had emerged, while only 13 percent of the crop is in the blooming stage, compared to a 5-year average of 24 percent. The majority of the soybean crop was rated in good condition, although development is currently behind last year and the normal schedule.

TOBACCO: The tobacco crop was rated in mostly fair-to-good condition last week. A few counties have reported isolated areas of black shank and blue mold. Weather conditions have been favorable to minimize the spread of disease.

PASTURES & HAY: As of the week ending Sunday, over three-fourths of the State’s alfalfa acreage had been cut a second time, continuing to outpace last year and the 5-year average. Tennessee’s pastures remain in mostly good-to-excellent condition.

LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 07/13/03				Current Week 07/13/03	Rain Days	Current Since January 1	From Normal	Since April 1	
	HI	LO	AVG	DFN					Total	DFN
1 percent very	92	67	80	+2	0.14	4	37.24	+7.39	1063	-48
Tri-City_RGNL_A	87	58	76	+2	2.33	5	34.74	+11.85	680	-5
Brownsville_TN	93	70	81	+2	0.35	2	33.37	+3.51	1146	+216
Chattanooga/Lov	91	65	79	+2	1.88	5	42.70	+12.76	1050	+60
Clarksville_Sew	93	68	80	+3	0.44	2	29.04	+0.99	978	+33
Cookeville	90	60	76	+1	0.57	5	41.42	+9.95	744	+200
Covington	92	68	81	+2	0.11	1	32.01	+2.44	1013	-107
Crossville_AP	86	60	75	+2	0.74	5	41.49	+10.30	681	+49
Dickson_AG	86	60	75	-4	1.63	4	31.31	+1.03	767	-226
Dover_1W	91	66	80	+4	0.45	3	31.22	+2.02	871	+42
Dyersburg	91	72	82	+2	0.20	2	28.19	+0.06	1107	-97
Erwin_1W	88	58	75	+4	1.86	5	33.27	+6.05	610	-229
Huntingdon_Wate	91	67	80	+2	0.98	3	30.95	+1.47	946	+62
Jackson_AG	92	69	81	+3	0.08	1	29.91	+0.10	1037	-16
Kingston_AG	90	63	77	+3	1.05	4	38.44	+5.93	776	+31
Knoxville_AP	90	64	78	+2	3.89	5	36.81	+9.65	926	+85
Lewisburg	91	63	78	+3	2.29	4	38.33	+7.39	832	-24
Lexington_TN	91	66	80	+2	0.25	1	31.69	+3.09	946	+363
Linden	90	52	77	+0	0.18	1	36.58	+5.11	805	-66
Martin	92	67	81	+3	1.69	4	31.99	+2.46	972	-30
Mc_Minnville_Tn	89	62	78	+2	2.49	4	38.47	+8.27	922	-208
Memphis_AG	95	71	82	-1	0.50	1	32.64	+3.56	1122	-225
Milan	93	67	81	+3	0.11	2	32.70	+2.27	1000	+20
Murfreesboro_5N	91	64	78	+2	2.23	2	36.46	+6.96	877	-249
Nashville_Metro	91	67	80	+1	0.48	3	37.47	+10.75	986	-56
Newcomb	89	59	76	+3	3.13	4	38.45	+8.09	681	+103
Oneida	89	60	76	+3	2.20	5	35.81	+5.45	666	-264
Pikeville	90	61	77	+2	1.37	4	43.85	+13.74	874	+42
Portland_TN	91	63	79	+3	0.79	4	32.36	+3.19	815	-17
Pulaski_Water_P	90	63	78	-1	0.48	5	39.46	+8.47	868	-192
Savannah_6SW	92	64	79	+0	0.72	4	37.56	+4.97	873	-37
Sparta_TN	91	60	77	+2	1.36	5	41.87	+11.25	906	+186
Springfield	92	65	79	+3	0.91	3	28.41	+0.40	834	-11
Springhill	94	64	79	+2	0.87	5	37.87	+6.77	953	+116
Union_City	91	67	80	+2	0.61	4	31.74	+2.63	908	-72
Waynesboro_TN	90	64	77	+2	0.43	4	36.13	+3.52	833	-182

Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.

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